

Seasonal Influenza Vaccines 2018-2019

Use the Correct Product and Presentation Based on the Patient's Age and Status

Vaccine Type ¹	Brand	Presentation	Age Indication ²
TRIVALENT			
IIV3	Afluria [®] (Seqirus)	Prefilled 0.5 mL syringe	5 years & older
		5.0 mL multi-dose vial ³	5 years & older (0.5 mL) ² 18 through 64 years via jet injector ⁴
aIIV3	Fluad ^{®5} (Seqirus)	Prefilled 0.5 mL syringe	65 years & older
HD-IIV3	Fluzone [®] High-Dose (Sanofi Pasteur)	Prefilled 0.5 mL syringe	65 years & older
QUADRIVALENT			
IIV4	Fluarix [®] Quadrivalent (GlaxoSmithKline)	Prefilled 0.5 mL syringe	6 months & older
IIV4	FluLaval [®] Quadrivalent (ID Biomedical Corp., GSK)	Prefilled 0.5 mL syringe	6 months & older
		5.0 mL multi-dose vial ³	6 months & older (0.5 mL) ²
IIV4	Fluzone [®] Quadrivalent (Sanofi Pasteur)	Prefilled 0.25 mL syringe	6 through 35 months
		5.0 mL multi-dose vial ³	6 through 35 months (0.25 mL) ²
		Prefilled 0.5 mL syringe	3 years & older (0.5 mL) ²
		0.5 mL single-dose vial	3 years & older
ccIIV4	Flucelvax [®] Quadrivalent (Seqirus)	Prefilled 0.5 mL syringe	4 years & older
		5.0 mL multi-dose vial ³	4 years & older (0.5 mL) ²
IIV4	Afluria [®] Quadrivalent (Seqirus)	Prefilled 0.5 mL syringe	5 years & older
		5.0 mL multi-dose vial ³	5 years & older (0.5 mL) ² 18 through 64 years via jet injector ⁴
RIV4	Flublok [®] Quadrivalent (Sanofi Pasteur)	Prefilled 0.5 mL syringe	18 years & older
LAIV4	FluMist [®] Quadrivalent (MedImmune)	Prefilled 0.2 mL single-use nasal spray	Healthy, non-pregnant persons aged 2 through 49 years

Available VFC presentations are in gray boxes.

¹ Abbreviations = Inactivated Influenza Vaccine (IIV), trivalent (IIV3), Adjuvanted (aIIV3), High-Dose (HD-IIV3); IIV quadrivalent (IIV4), cell culture-based (ccIIV4); Recombinant Hemagglutinin Influenza Vaccine, quadrivalent (RIV4); Live Attenuated Influenza Vaccine, quadrivalent (LAIV4).

² IIV4 dosage is based on age and flu vaccine product. Dosage for 3 years and older is **0.5 mL regardless** of flu vaccine product. For children aged 6-35 months there are 3 licensed flu vaccines: **Fluzone** dosage is **0.25 mL**; **FluLaval** and **Fluarix** dosage is **0.5 mL**. See "2018-19 Seasonal Influenza Vaccine Dosage for Children" at www.michigan.gov/flu.

³ When drawing from a multi-dose vial, make sure to give the right dosage based on age and flu vaccine product. NOTE: Per the package inserts, for Afluria and Afluria Quadrivalent, "once the stopper of the multi-dose vial has been pierced the vial must be discarded within 28 days." For FluLaval Quadrivalent, "once entered, a multi-dose vial should be discarded after 28 days." For Fluzone Quadrivalent, "a maximum of 10 doses can be withdrawn from the multi-dose vial," even if drawing out 0.25 mL doses.

⁴ Afluria approved by the Food and Drug Administration for intramuscular administration with a PharmaJet[®] Stratis[®] needle-free injection system for persons aged 18 through 64 years.

⁵ Fluad includes the adjuvant MF59.

Use this chart to help prevent errors. Highlight the flu vaccine(s) you have in your storage unit and know the age indications. Ensure you give the correct vaccine at the correct dosage to the correct person based on age. For 2-dose recommendations, see "Who Needs 2 Doses of 2018-19 Seasonal Influenza Vaccine?" at www.michigan.gov/flu. Refer to "Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the ACIP—U.S., 2018-19 Influenza Season," MMWR Recomm Rep 2018;67(No. RR-3):1-20, located at www.cdc.gov/vaccines. For additional information regarding flu and flu vaccination, refer to www.michigan.gov/flu, www.cdc.gov/vaccines, or www.cdc.gov/mmwr.